



✉ EPA/EPO/OEB
D-80298 München
☎ +49 89 2399-0
TX 523 656 epmu d
FAX +49 89 2399-4465

Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

Generaldirektion 2

Directorate General 2

Direction Générale 2

Holmberg, Nils Anders Patrik
Dr Ludwig Brann Patentbyrå AB
P.O. Box 17192
104 62 Stockholm
SUÈDE



Application No. 04 804 263.4 - 2411	Ref. P06481EP01	Date 14.11.2006
Applicant TELEFONAKTIEBOLAGET LM ERICSSON (publ)		

Communication under Rule 51(4) EPC

You are informed that the Examining Division intends to grant a European patent on the basis of the above application with the text and drawings as indicated below:

In the text for the Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Description, Pages

1-23 as published
4b as annexed to the Int. Prel. Examination Report

Claims, Numbers

1-23 as annexed to the Int. Prel. Examination Report

Drawings, Sheets

1/7-7/7 as published

A copy of relevant documents is enclosed

The title of the invention in the three official languages of the European Patent Office, the international patent classification, the designated Contracting States, the registered name of the applicant and the bibliographic data are shown on the attached EPO Form 2056.

You are requested within a **non-extendable** period of four months of notification of this communication



1.	to file 1 set of translations of the claim(s) in the two other EPO official languages;		EUR
2a.	to pay the fee for grant including the fee for printing up to and including 35 pages;		
	Reference 007	750.00	
2b.	to pay the printing fee for the 36th and each additional page;		
	number of pages: 1		
	Reference 008	11.00	
3.	to pay the additional claim fee(s) (Rule 51(7) EPC);		
	number of claims fees payable:		
	Reference 016	0.00	
	Total amount	761.00	

Concerning the possibility of a request for accelerated grant pursuant to Article 97(6) EPC, reference is made to OJ EPO 2001, 459.

If you do not approve the text intended for grant but wish to request amendments or corrections, the procedure described in Rule 51(5) EPC is to be followed.

If this communication is based upon an auxiliary request, and you reply within the time limit set that you maintain the main or a higher ranking request which is not allowable, the application will be refused (Article 97(1) EPC, see also Legal Advice 15/05 (rev. 02), OJ 6/2005, 357).

If the enclosed claims contain amendments proposed by the Examining Division, and you reply within the time limit set that you cannot accept these amendments, refusal of the application under Article 97(1) EPC would result in the case that agreement cannot be reached on the text for grant.

In all cases except those of the previous two paragraphs, if the grant, printing or claims fees are not paid, or the translations not filed, in due time, the European patent application will be deemed to be withdrawn (Rule 51(8) EPC).

For all payments you are requested to use EPO Form 1010 or to refer to the relevant reference number.

After publication, the European patent specification can be downloaded free of charge from the EPO publication server <https://publications.european-patent-office.org> or ordered only from the Vienna sub-office upon payment of a fee (OJ EPO 2005, 126).

Upon request in writing each proprietor will receive the certificate for the European patent **together with one copy** of the patent specification only if the request is filed within the time limit of Rule 51(4) EPC. If such request has been previously filed, it has to be confirmed within the time limit of Rule 51(4) EPC. The requested copy is free of charge. If the request is filed after expiry of the Rule 51(4) EPC time limit, the certificate will be delivered without a copy of the patent specification.

Translation of the priority document(s)

If the translation of the priority document(s), as required by Article 88(1) EPC, or the declaration according to Rule 38(5) EPC has not yet been filed, Form 2530 will be despatched separately. The translation is to be filed within the above mentioned time limit (Rule 38(5) EPC).

Note on payment of renewal fees



If a renewal fee falls due between notification of the present communication and the proposed date of publication of the mention of the grant of the European patent, publication will be effected only after the renewal fee and any additional fee have been paid (Rule 51(9) EPC).

Under Article 86(4) EPC, renewal fees are payable to the European Patent Office until the year in which the mention of the grant of the European patent is published.

Filing of translations in the Contracting States

Pursuant to Article 65(1) EPC the following Contracting States require a translation of the specification of the European patent in their/one of their official language(s) (Rule 51(10) EPC), **insofar** this specification will not be published in their/one of their official language(s)

- within **three** months of publication of the mention of such decision:

AT	AUSTRIA	GR	GREECE
BE	BELGIUM	HU	HUNGARY
BG	BULGARIA	IS	ICELAND
CH	SWITZERLAND /LIECHTENSTEIN	IT	ITALY
CY	CYPRUS	LT	LITHUANIA
CZ	CZECH REPUBLIC	NL	NETHERLANDS
DE	GERMANY	PL	POLAND
DK	DENMARK	PT	PORTUGAL
EE	ESTONIA	RO	ROMANIA
ES	SPAIN	SE	SWEDEN
FI	FINLAND	SI	SLOVENIA
FR	FRANCE	SK	SLOVAKIA
GB	UNITED KINGDOM	TR	TURKEY

- within **six** months of publication of the mention of such decision:

IE IRELAND

The date on which the European Patent Bulletin publishes the mention of the grant of the European patent will be indicated in the decision on the grant of the European patent (EPO Form 2006).

In case of a valid extension the following Extension States require a translation of the **claims** in their official language within **three** months after publication of the mention of the grant of the European patent:

AL	ALBANIA	LV	LATVIA
BA	BOSNIA-HERZEGOVINA	MK	MACEDONIA
HR	CROATIA *	YU	SERBIA AND MONTENEGRO

* requires translation of the specification

The translation must be filed with the national Patent Offices of the Contracting or Extension States in accordance with the provisions applying thereto in the State concerned. Further details (e.g. appointment of a national representative or indication of an address for service within the country) are given in the EPO information brochure "National law relating to the EPC", and in the supplementary information published in the Official Journal of the EPO, or available on the EPO website.

Failure to supply such translation to the Contracting and Extension States in time and in accordance with the requirements may result in the patent being deemed to be void ab initio in the State concerned.

Note to users of the automatic debiting procedure



Date 14.11.2006

Sheet 4

Application No.: 04 804 263.4

Unless the EPO receives prior instructions to the contrary, the fee(s) will be debited on the last day of the period of payment. For further details see the Arrangements for the automatic debiting procedure (see Supplement to OJ EPO 2, 2002).

Examining Division:

Chairman:	Giglietto, Massimo
2nd Examiner:	Sinapius, Günther
1st Examiner:	Mier, Ana



Poquet Oliver, Rosa
For the Examining Division
Tel. No.: +49 89 2399 - 2911

Enclosure(s): Form 2056
 37 Copies of the relevant documents

Annex to EPO Form 2004, Communication under Rule 51(4) EPC

Bibliographical data of European patent application No. 04 804 263.4

For the intended grant of a European patent, the bibliographical data are set out below, for information:

Title of invention:

- KALIBRIERVERFAHREN ZUR ERZIELUNG VON REZIPROZITÄT
BIDIREKTIONALER KOMMUNIKATIONSKANÄLE
- CALIBRATION METHOD TO ACHIEVE RECIPROCITY OF
BIDIRECTIONAL COMMUNICATION CHANNELS
- PROCEDE D'ETALONNAGE POUR OBTENIR RECIPROCITE DE
CANAUX DE COMMUNICATION BIDIRECTIONNELS

Classification: INV. H04L25/03

Date of filing: 23.12.2004

Priority claimed: SE / 30.12.2003 / SEA0303583
EP / 30.06.2004 / EPA04015304

Contracting States*
for which fees have
been paid: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC
NL PL PT RO SE SI SK TR

Extension States*
for which fees have
been paid: AL BA HR LV MK YU

Applicant(s):** TELEFONAKTIEBOLAGET LM ERICSSON (publ)
126 25 Stockholm
SE

Inventor(s): LARSSON, Peter
Ballongatan 2, 1 tr.
S-169 71 Solna
SE

GUEY, Jiann-Ching
103 Wedgemere Street
Cary, NC 27519
US

- *) In case the time limits pursuant to Article 79(2) and Rule 85a EPC have not yet expired, all **Contracting States/Extension States** have been mentioned.
- **) In case two or more applicants have designated different Contracting States, this is indicated here.



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ (070) 3 40 20 40
FAX (070) 3 40 30 16

**Europäisches
Patentamt**

**European
Patent Office**

**Office européen
des brevets**

Generaldirektion 1

Directorate General 1

Direction générale 1

Holmberg, Nils Anders Patrik
Dr Ludwig Brann Patentbyrå AB
P.O. Box 17192
104 62 Stockholm
SUEDE



EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date

17.08.06

Reference P06481EP01	Application No./Patent No. 04804263.4 - PCT/EP2004014669
Applicant/Proprietor TELEFONAKTIEBOLAGET LM ERICSSON (publ)	

Notification of European publication number and information on the application of Article 67(3) EPC

The provisional protection under Article 67(1) and (2) EPC in the individual contracting states becomes effective only when the conditions referred to in Article 67(3) EPC have been fulfilled (for further details, see information brochure of the European Patent Office "National Law relating to the EPC" and additional information in the Official Journal of the European Patent Office).

Pursuant to Article 158(1) EPC the publication under Article 21 PCT of an international application for which the European Patent Office is a designated Office takes the place of the publication of a European patent application.

The bibliographic data of the above-mentioned Euro-PCT application will be published on 13.09.06 in Section I.1 of the European Patent Bulletin. The European publication number is 1700438.

In all future communications to the European Patent Office, please quote the application number plus Directorate number.

Receiving Section





P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ (070) 3 40 20 40
FAX (070) 3 40 30 16

Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

Holmberg, Nils Anders Patrik
Dr Ludwig Brann Patentbyrå AB
P.O. Box 17192
104 62 Stockholm
SUEDE



EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date

11-08-2006

Reference P06481EP01	Application No./Patent No. 04804263.4 - PCT/EP2004014669
Applicant/Proprietor TELEFONAKTIEBOLAGET LM ERICSSON (publ)	

Communication pursuant to Rules 109 and 110 EPC

(1) Amendment of application documents, especially the claims (R. 109 EPC)

The above mentioned international (Euro-PCT) application has entered the European phase, or can do so, once the necessary conditions are fulfilled.

Under Articles 28, 41 PCT, Rules 52, 78 PCT and Rule 86(2) to (4) EPC, the applicant may amend the application documents after receiving the international search report.

Whether or not he has already done so, he now has a further opportunity to file amended claims or other application documents within a non-extendable time limit of one month after notification of the present communication (R. 109 EPC).

The claims applicable on expiry of the above time limit, i.e. those filed on entry into the European phase or in response to the present communication, will form the basis for the calculation of any claims fee to be paid (see page 2) and for any supplementary search to be carried out under Article 157(2) EPC (R. 109 EPC).

**(2) Claims fees under Rule 110 EPC**

If the application documents on which the European grant procedure is to be based comprise more than ten claims, a claims fee shall be payable for the eleventh and each subsequent claim within the period provided for in Rule 107(1) EPC.

- ☒ Based on the application documents currently on file, all necessary claims fees have already been paid (or the documents do not comprise more than 10 claims).
- ☐ All necessary fees will be/have been debited automatically according to the automatic debit order.
- ☐ The claims fee due for the claims to were not paid within the above-mentioned period.

Any non-paid claims fee, either based on the current set of claims or on any amended claims to be filed pursuant to Rule 109 EPC (see page 1), may still be validly paid within a non-extendable period of grace of **one month** after notification of this communication.

If a payment is made for only some of the claims, it must be indicated for which claims it is intended. If a claims fee is not paid in due time, the claim concerned is deemed to be abandoned (R. 110(4) EPC).

If claims fees have already been paid, but on expiry of the above-mentioned time limit there is a new set of claims containing fewer fee-incurring claims than previously, the claims fees in excess of those due under Rule 110(2), 2nd sentence, EPC will be refunded (R. 110(3) EPC).

You are reminded that any supplementary search under Article 157(2) EPC will relate only to the last set of claims applicable on expiry of the above time limit AND will be confined to those fee-incurring claims for which fees have been paid in due time.

The fee for the eleventh and each subsequent claim is EUR 45,00.

Receiving Section





P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ (070) 3 40 20 40
FAX (070) 3 40 30 16

Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

Holmberg, Nils Anders Patrik
Dr Ludwig Brann Patentbyrå AB
P.O. Box 17192
104 62 Stockholm
SUEDE



EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date
02.08.06

Reference P06481EP01	Application No./Patent No. 04804263.4 - EP2004014669
Applicant/Proprietor TELEFONAKTIEBOLAGET LM ERICSSON (publ)	

Refund of fees

The following fee was paid in respect of the application 04804263.4:

Fee	Code	Voucher No	Date	Currency	Amount
Examination fee	006	00440738	27.06.06	EUR	1 192,00

According to the present state of the file the refund will be made by:

CREDITING THE DEPOSIT ACCOUNT 28100039.

Amount refundable:	Code	Currency	Amount	Voucher No
	006	EUR	596,00	00493004

Reason for refund: Overpayment.

The Authorising Officer
Mons
(49)(89)23992925

